Part 2

GENERAL DESCRIPTION OF MECHANISM

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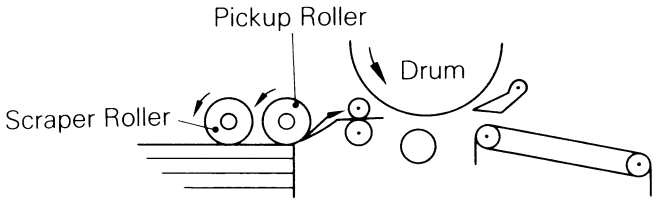
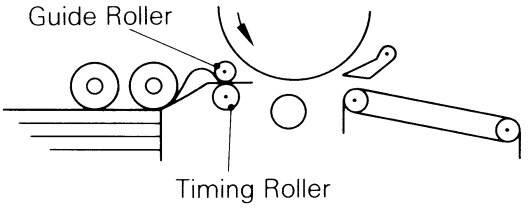
OVERVIEW OF PAPER PATH

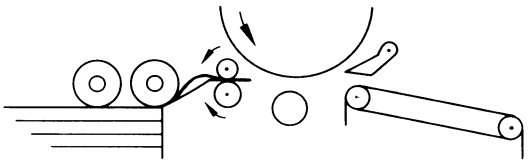
The Drum rotates, and the Scraper Roller and the Pickup Roller feed the paper from the First paper Feed Area to the Second Paper Feed Area.



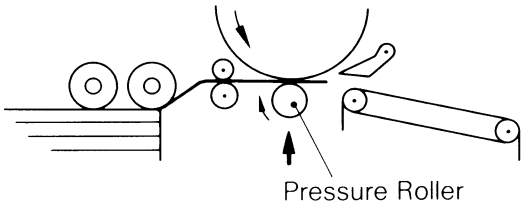
The paper fed to the Second Paper Feed Area has been at a stop to form a flexure until the Guide Roller starts to rotate. At this time, the Timing Roller is in contact with the Guide Roller and at a stop.



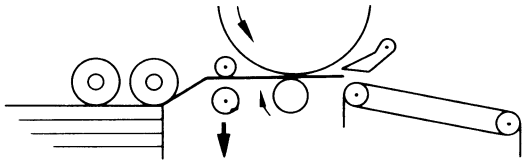
The Guide Roller of the Second Paper Feed Area rotates and feeds the paper to the Print Area. (The Timing Roller is in contact with the Guide Roller and is driven so that the two rollers rotate together.)



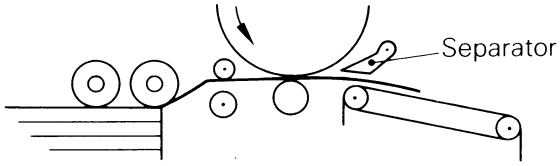
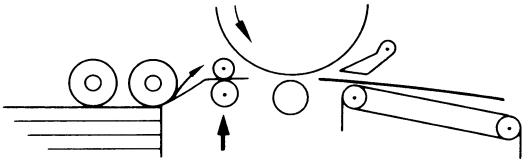
When the paper is fed from the Second Paper Feed Area, the Pressure Roller rises and printing starts. (The Pressure Roller comes into contact with the Drum and is driven so that both rotate together.)



When the Pressure Roller comes into contact with the Drum and printing starts, the Separator approaches the Drum and the Timing Roller descends. (The paper is fed by the Drum rotation.)



The printed paper is separated from the Drum by the Separator, is drawn by Suction, and is fed to the Paper Receiving Table by the action of the Transfer Belt.



The Timing Roller comes into contact with the Guide Roller and the next paper feed operation starts.